

WHAT IS CLAIMED IS:

1. A method of testing an electronic device that includes a CPU and at least one memory, comprising the steps of:
 - (a) testing the at least one memory, using the CPU; and
 - (b) testing the CPU.
2. The method of claim 1, wherein said testing of the CPU is effected subsequent to said testing of the at least one memory.
3. The method of claim 1, further comprising the step of:
 - (c) loading a testing program into one of said at least one memory, the CPU then testing at least one of said at least one memory by executing said testing program.
4. The method of claim 1, further comprising the step of:
 - (c) storing results of said testing of said at least one memory in one of said at least one memory, by the CPU.
5. The method of claim 4, wherein said testing of the CPU includes reading said stored results from said one of said at least one memory.
6. The method of claim 1, wherein said testing of said at least one memory is effected during a burn-in of the electronic device.

7. A method of testing an electronic device that includes a CPU, a nonvolatile memory and a volatile memory, comprising the steps of:

- (a) testing at least one of the memories, using the CPU; and
- (b) testing the CPU.

8. The method of claim 7, wherein said testing of the CPU is effected subsequent to said testing of said at least one memory.

9. The method of claim 7, further comprising the step of:

- (c) loading a testing program into the volatile memory, the CPU then testing at least one of the memories by executing said testing program.

10. The method of claim 9, further comprising the step of:

- (d) storing said testing program in the nonvolatile memory, said loading of the testing program into the volatile memory then being from the nonvolatile memory.

11. The method of claim 10, wherein said loading of the testing program from the nonvolatile memory to the volatile memory is effected by the CPU.

12. The method of claim 7, further comprising the step of:

- (c) storing results of said testing in the nonvolatile memory, by the CPU.

13. The method of claim 12, wherein said testing of the CPU includes reading said stored results from said nonvolatile memory.

14. The method of claim 7, further comprising the step of:
 - (c) storing a testing program in the nonvolatile memory, the CPU then testing at least one of the memories by executing said testing program directly in said nonvolatile memory.
15. The method of claim 14, further comprising the step of:
 - (d) storing results of said testing in the nonvolatile memory, by the CPU.
16. The method of claim 15, wherein said testing of the CPU includes reading said stored results from said nonvolatile memory.
17. The method of claim 7, wherein said testing of at least one of the memories is effected during a burn-in of the electronic device.
18. A method of testing a nonvolatile memory that is included in a system-in-package, comprising the steps of:
 - (a) including a CPU in the system-in-package;
 - (b) storing a testing program in the nonvolatile memory; and
 - (c) executing said testing program, by said CPU, in order to test the nonvolatile memory.
19. The method of claim 18, further comprising the step of:
 - (d) loading said testing program from the nonvolatile memory into a volatile memory, said executing of said testing program then being from said volatile memory.

20. The method of claim 19, further comprising the step of:
- (e) including said volatile memory in the system-in-package.

21. The method of claim 18, further comprising the step of:
- (d) storing results of said executing in the nonvolatile memory.

22. The method of claim 18, wherein said executing is effected during a burn-in of the nonvolatile memory.

23. An electronic device comprising:
- (a) a nonvolatile memory wherein is stored a first testing program for testing said nonvolatile memory; and
- (b) a volatile memory, operationally connected to said nonvolatile memory;

and wherein a second program, for testing said volatile memory, is stored in said nonvolatile memory.

24. The electronic device of claim 23, wherein said nonvolatile memory and said volatile memory are fabricated as separate respective chips and are packaged together in a common package.

25. The electronic device of claim 24, further comprising:
- (c) a CPU, fabricated on a respective chip, and operationally connected to at least one of said nonvolatile memory and said volatile memory;
- said CPU being packaged together with said memories in said common package.

26. A method of testing a system-in-package that includes a nonvolatile memory and a volatile memory, comprising the steps of:

- (a) executing a first testing program in order to test the volatile memory;
and
- (b) storing results of said executing in the nonvolatile memory.

27. The method of claim 26, further comprising the steps of:

- (c) executing a second testing program in order to test the nonvolatile memory; and
- (d) storing results of said executing of said second testing program in the nonvolatile memory.

28. The method of claim 26, wherein said executing is effected during a burn-in of the volatile memory.